Applicant Initiated Interview Request Form

Application No.: 10/815,229   First Named Applicant: Kenrich

Examiner: Shanto Abedin   Art Unit: 2436   Status of Application: Pending

Tentative Participants:

(1) Examiner Abedin   (2) Randall K. Baldwin

(3) Glenn J. Perry   (4)

Proposed Date of Interview: October 28, 2009   **Proposed Time:** 2:30 PM   AM/**PM**

Type of Interview Requested:

(1) [✓] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [✓] YES   [ ] NO

If yes, provide brief description: Enclosed - proposed claim amendments

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Rej.	25	N/A-35 USC 101	[ ]	[ ]	[ ]
(2) Rej.	1, 13 & 21	Shapiro	[ ]	[ ]	[ ]
(3) Rej.	10	Shapiro & Batten	[ ]	[ ]	[ ]
(4) Rej.	1-4 and 6-26	N/A-double pat.	[ ]	[ ]	[ ]

[ ] Continuation Sheet Attached

Brief Description of Argument to be Presented:

Will discuss proposed amendments to claim 25 (regarding rejection of claim under 35 U.S.C. 101).

Will discuss features in the application/claims and the applied Shapiro and Batten-Carew references.

Will discuss rejections of independent claims 1, 10, 13, & 21 under 35 U.S.C. 102/103 and proposed amendments.

An interview was conducted on the above-identified application on _____ .

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

P. K. Baldwin (signature)	
Applicant/Applicant's Representative Signature	Examiner/SPE Signature
Randall K. Baldwin	
Typed/Printed Name of Applicant or Representative	
59,713	
Registration Number, if applicable	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: 8114
KENRICH *et al.*	Art Unit: 2436
Appl. No.: 10/815,229	Examiner: Abedin, Shanto
Filed: March 30, 2004	Atty. Docket: 2222.5490000
For: **Method and System for Providing Cryptographic Document Retention with Off-Line Access**	

DRAFT

Proposed Claim Amendments to be discussed during telephonic interview

PROPOSED CLAIMS--FOR DISCUSSION PURPOSES ONLY--NOT TO BE

ENTERED INTO FORMAL RECORD

Proposed Amendments to the Claims

1.   (Currently amended)   A method of providing automated document retention for an electronic document comprising:

assigning a document retention policy to the electronic document, the document retention policy being derived from a recurring cut-off retention schedule specifying cut-off periods, each cut-off period having a respective document retention duration associated therewith and corresponding to a respective maximum off-line period of a client, wherein the maximum off-line period expires a predetermined period of time after a beginning of its cut-off period; and

encrypting the electronic document using cryptographic keys associated with particular cut-off periods, associated retention durations, and corresponding maximum off-line periods, wherein the encrypting is based on the document retention policy such

Appl. No. 10/815,229

that the electronic document can be cryptographically accessed only during retention durations and prior to the expiration of the maximum off-line period of the client.

    10.   (Currently amended) A method of limiting access to an electronic document comprising:

    determining whether a cut-off period of a recurring cut-off retention schedule for a first document retention key has elapsed;

    generating, according to a predetermined schedule, a next document retention key having a document retention policy associated therewith, wherein the document retention policy specifies a document retention duration that expires a predetermined period of time after a beginning of a next cut-off period, wherein the next document retention key is to be used to encrypt the electronic document during a next cut-off period, the next document retention key having a document retention duration associated therewith and corresponding to a maximum off-line period of a client, wherein the maximum off-line period expires a predetermined period of time after a beginning of the next cut-off period; and

    notifying the client of the next document retention key, the electronic document being cryptographically accessible only during document retention durations and prior to the expiration of the maximum off-line period of the client using a cryptographic key associated with such durations particular cut-off periods, associated retention durations, and corresponding maximum off-line periods.

    13.   (Currently amended) A method for restricting access to an electronic document, said method comprising:

<div align="center">2</div>   Atty. Dkt. No. 2222.5490000

Appl. No. 10/815,229

encrypting a data portion of the electronic document using a document key to produce an encrypted data portion;

using a retention access key to associate a document retention policy with the electronic document, <u>wherein the document retention policy specifies the document retention duration that expires a predetermined period of time after a beginning of a cut-off period of a recurring cut-off retention schedule</u>;

encrypting the document key using the retention access key to produce an encrypted document key, the retention access key being usable for said encrypting during [[a]] the cut-off period of a recurring cut-off retention schedule, the cut-off period having a document retention duration associated therewith and corresponding to a maximum off-line period of a client, wherein the maximum off-line period expires a predetermined period of time after a beginning of the cut-off period;

forming a secured electronic document from at least the encrypted data portion and the encrypted document key; and

storing the secured electronic document, the secured electronic document being cryptographically accessible only during the document retention duration and prior to the expiration of the maximum off-line period of the client.

21.   (Currently amended)   A tangible computer-readable medium having <u>instructions</u> stored thereon, <u>the instructions</u> ~~computer executable instructions that, if executed by a computing device, cause the computing device to perform a method~~ comprising:

<u>instructions for</u> assigning a document retention policy to an electronic document, the document retention policy being derived from a recurring cut-off retention schedule

<div align="center">3</div>   Atty. Dkt. No. 2222.5490000

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specifying cut-off periods, each cut-off period having a respective document retention duration associated therewith and corresponding to a respective maximum off-line period of a client, wherein the maximum off-line period expires a predetermined period of time after a beginning of its cut-off period; and

instructions for encrypting the electronic document using cryptographic keys associated with particular cut-off periods, associated retention durations, and corresponding maximum off-line periods, wherein the encrypting is based on the document retention policy such that the electronic document can be cryptographically accessed only during retention durations and prior to the expiration of the maximum off-line period of the client.

25. (Currently amended) A ~~computer-implemented~~ file security system for restricting access to an electronic file, comprising:

a computing device:

a module which if executed by [[a]]the computing device ~~of the computer-implemented file security system~~, causes the computing device to store a plurality of cryptographic key pairs on a computer-readable storage medium, each of the cryptographic key pairs including a public key and a private key, at least one of the cryptographic key pairs pertaining to a retention policy, the retention policy having document retention durations, each document retention duration having a respective cut off period associated therewith and corresponding to a respective maximum off-line period of a client, wherein the maximum off-line period expires a predetermined period of time after a beginning of its cut-off period; and

4

an access control management module which if executed by [[a]]the computing device of the computer-implemented file security system, causes the computing device to:

provide, for each particular cut-off period, a different one of the public keys of the at least one of the cryptographic key pairs, and

determine whether the private key of the at least one of the cryptographic key pairs pertaining to the retention policy is permitted to be provided to a requestor based on whether its respective document retention duration following a beginning of its respective cut-off period has expired,

wherein the requestor requires the private key of the at least one of the cryptographic key pairs pertaining to the retention policy to access a secured electronic file, and wherein the secured electronic file was previously secured using the public key of the at least one of the cryptographic key pairs pertaining to the retention policy, and at the time the electronic file was secured, the public key was within its respective cut-off period and available for use, the secured electronic document being cryptographically accessible only during the retention durations and prior to the expiration of the maximum off-line period of the client.

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5

PAGE 6/6 * RCVD AT 10/23/2009 5:30:24 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/20 * DNIS:2733551 * CSID: * DURATION (mm-ss):02-08

TOTAL P.06